



Vol. XLVIII—No. 6

CAMBRIDGE, MASS., MONDAY, FEBRUARY 20, 1928

Price Five Cents

ROBERT RIDGWAY TELLS ABOUT NEW YORK CITY SUBWAY

Relates to Large Audience
Sidelights of Underground
Construction

"EAT UP RESPONSIBILITY"
Contractor Finds That Water
Pipes Are As Bad As
Dynamite

New York's transportation problem is caused by the fact that so many people want to go to the same place at the same time, related Mr. Robert Ridgway, Chief Engineer of the Board of Transportation of the City of New York, at the third Aldred Lecture of the year on Friday afternoon, to the biggest audience that has attended one of these addresses this year.

Although the city has several hundred miles of transit lines to convey its 6,000,000 inhabitants and the thousands of daily commuters and visitors where they want to go when they want to go there, the facilities are inadequate, and the city has a big building program, of which the Eighth Avenue Subway, which is now being built, is only a part. The Transit system carried three billion passengers last year, and the number shows an increase of many millions every year.

Shows Difficulties of Construction

After a few introductory remarks upon the situation in general, Mr. Ridgway proceeded to show slides illustrating all phases of subway construction, the particular phase of the transit question upon which he was lecturing. Indeed, it is now intended in New York to make all additions to the transportation system subways, since it has found that surface cars hold up street traffic, and elevated structures are not generally desirable and service on them cannot be maintained as easily as in subways. However, the latter form of transportation construction costs, in general, about three times as much as an elevated system of the same length.

Subway construction must be carried on beneath the busiest of city streets without disturbing traffic. Mr. Ridgway showed some of the conditions met with, where a superstructure must be built to take care of street traffic, all sorts of pipes and conduits underneath the streets carrying water, gas, telephone and electric lines, sewerage, and postal tubes must be gotten out of the way without disturbing service when construction is started; the worst of it, he pointed out, that they have to be put back when the subway is finished. At times there is also an elevated structure above the street beneath which construction is to go on, and in that case the structure must be taken care of with safety during the building and the foundation must be finally transferred from piers sunk in concrete in bedrock to the newly-constructed subway, all without disturbing traffic on the system for a minute.

Responsibility Creates Interest

Another of the difficulties met with is the presence of existing subways and tubes. Sometimes on one street there are five levels of transportation: elevated, trolley, and three underground levels. The new subway often must go under one of the previous ones and over another a block away, giving rise to all sorts of difficult grades and curves.

"The taking charge of all this work is difficult," said Mr. Ridgway, "but I like it. Eat up all the responsibility you can digest. It makes life interesting."

Winter Blasts Blow Down Tennis Fences

After two months of "winterless" winter, the Institute has felt the first real storm of the season. From the appearance of the grounds in the vicinity of Walker, it looks as though a veritable hurricane has struck the place, one whole side of the eastern courts fence being down as a result of the blast. Due to the frozen ground the fence will have to stay as it is at present until weather conditions permit its being replaced and repaired.

Two Varsity Teams Lose By Narrowest of Margins

Basketball Team Defeated by Providence College Quintet

Saturday night saw a fast game of basketball at the Hanger gym, when Providence College defeated M. I. T. by a slim margin of five points. The final score of the game was 26-21. The game started off like a whirlwind and before the Engineers got started the visitors had a lead of five points. The game from then on broke about even. The final whistle of the first half showed the visitors in the lead by a score of 13-7.

The Engineers outscored their opponents in the second half and made a better showing, but could not overcome the first lead of the Providence team. Allen of the Engineers and Szidla of Providence were the high scorers of their respective teams. Allen was high scorer of the game.

Providence showed good teamwork throughout the game. Although they only played five men in the game, four out of the five men were able to score five points or better. Reynolds, the high scorer at Tech this season, was kept down to three points, his guard being Captain Murphy of Providence.

The Engineers were without the services of their star center Brockelman, who received an infection on the New York trip. He fell on the floor on the West Point game and his right knee was cut by splinters.

Tech Polo Club Wins First Game From Battery A

Newly Organized Team Shows Wonderful Strength In Opener

By the score of 4 to 3 the M. I. T. Polo Club defeated the Battery A at the Commonwealth Armory on Friday in the first game ever played by a group of Technology students.

John McCaskey '29 and Livingston Longfellow '30 were the individual stars for the Engineers, each scoring twice.

In the first period McCaskey put the M. I. T. men in front when he scored from a scrimmage in front of the goal. The Battery A men came back strong in the second chukker and scored a trio of goals, while holding the Engineers to a lone tally. Longfellow and McCaskey exhibited some great playing in the final period in each scored once to give the Polo Club a well earned victory.

The summary:

M. I. T. Polo Club	Battery A
1—Fontaine	1—Caswell
2—Topping	Graves
3—Longfellow	Goddard
4—Turnbull	Harris
5—McClaskey	2—Norton
	Sands
	Reeds
	3—Pond
	Priest
	Norton
Score—Technology 4	Battery A 3
Goals—Graves, Sand, Priest, Longfellow, 2; McClaskey 2. Referee—Sam Hopkins. Time—Four 7m chukkers.	

Fourteen men were present on Thursday evening when the second term riding school of the Polo Club got under way with its first class. These classes are conducted by the club for the general benefit of all those wishing to learn to ride, but especially to train riders for the team.

They went through the usual cavalry maneuvers under the direction of Captain Brown of Troop C, 110th Cavalry, and then took a half-hour session of jumping. The better horses were given to the men who had attended the first term classes, the beginners being kept on the older and more sedate mounts. So far, under the direction of Captain Brown, the class has the unique record of having had only one man thrown since its start, and the men have progressed to jumping in only four lessons.

This week sign-ups will be sold on Tuesday instead of Wednesday. Unless the men sign-up in advance so that the Polo Club knows that the required guarantee of twelve men can be filled, the class will have to be cancelled.

Sports Results For Past Week-End

FRIDAY, FEB. 17 Varsity

M.I.T. Oppo.

Swimming vs Yale 8 54

Fencing vs Bowdoin 6 7

Club

Polo vs Battery A 4 3

SATURDAY, FEB. 18
Varsity

Basketball vs Providence 21 26

Swimming vs West Point 16 46

Hockey vs Bowdoin Cancelled

Wrestling vs Brown 12 15

Gym vs Princeton 12 42

Fencing vs Columbia 3 14

Freshman

Swimming vs Malden 41 21

Basketball vs Dean 32 39

Wrestling vs Brown 31 14

Club

Squash vs Weston 2 3

Wrestlers Forfeit Two Matches And Lose Close Meet To Brown

Brown defeated the M. I. T. Varsity in a wrestling meet at the Hangar Gym on Saturday night, although the Engineers won four out of the five bouts contested. This seeming paradox came about because Technology had no representative in the 175-pound and unlimited classes and was forced to lose the matches by default.

Perkins started the Engineers off on the right track by defeating Cardon of Brown by a decision. Capt. Culle of Technology won his bout with Anderson of Brown, putting his team in the lead by a score of six to nothing. Cooper in the 135 pound class and Dermarderosian in the 145-pound division chalked up two more victories by decisions for M. I. T. so that with only three bouts to go Technology led twelve to nothing.

F. A. Spellman, brother of John Spellman, Olympic champion, defeated Gentile of M. I. T. in the 158-pound class by a fall. Pittlado and Stone, the regular Technology wrestlers in the heavier classes have both been injured, and with no substitutes available, Brown won the last two bouts by default.

In a meet with the Brown freshman held before the Varsity meet the Technology yearling wrestlers won by the score of 14 to 10. Chibas scored the only fall for the Cardinal and Gray when he threw Weasley in the first period of an overtime bout.

COMBINED CONCERT GIVEN FRIDAY NIGHT

M. I. T.-Brown Musical Clubs Rendered Excellent Program

On Friday night, an old institution was revived at Technology in the Combined Musical Clubs Concert. This concert had been one of the main social events of the season at Tech, but was abandoned last year. On Friday night, however, the Combined Musical Clubs of Brown University and M. I. T. held a Joint Concert at the Hotel Somerset, which was attended by several hundred people, although the ball room was by no means crowded.

The feature of the evening was the Brown Clubs, although the Institute Clubs were just as good, but better known, and hence not such an attraction. The two specialty numbers were also very good.

As scheduled, the Techtonians played following the concert, and about one hundred and fifty couples stayed for the dancing. The orchestra played excellently, with every one in an excellent spirit. There was however, a surprisingly large number of stags at the affair, although everyone seemed to have a great time.

MENORAH SOCIETY TO HOLD DANCE MARCH 1

An informal dance will be given by the Technology branch of the Menorah Society on Thursday evening, March 1. This will be the first dance given by the Society this year, and marks a new undertaking by the Society. Tickets may be procured from any of the officers of the Society, and are a dollar and a half a couple.

New York Grad Club Plans to Move To New Uptown Location This Spring

Hope To Establish Site of The National Technology Center

Relocation of the Technology Club of New York from its present clubhouse at 17 Gramercy Park, New York City, to a more central site in the 42nd Street-Grand Central Terminal district was recently decided on by the unanimous vote of the Board of Governors of the Club. The present lease, which expires on April 30th of this year, will not be renewed.

The decision for the relocation was unanimously approved by a well-attended meeting of the Club last De-

cember. At this meeting President Thomas C. Desmond '09 appointed a committee of five to investigate a new Club location, and it is asked that any suggestions regarding a suitable location in the Grand Central Terminal district be sent to the Chairman of the Committee, James A. Burbank '16, address 40 West 40th street, New York.

"I believe that the proposed change from 17 Gramercy Park to a better location uptown will mark a new era of prosperity for the Technology Club of New York. The move uptown has long been contemplated and the spring of 1928 will be the proper time to (Continued on Page 4)

FACULTY APPROVES NEW COOPERATIVE RAILROAD COURSE

Combines Interests of Civil
Electrical, Mechanical
Engineering Groups

SHOULD REGISTER NOW

Work With Boston and Maine To Begin for Sophomores This Summer

Formally approved and accepted by the Technology Faculty, February 15, Course I-A is now an integral part of the Institute curriculum. A number of students have already registered for this new co-operative option in Railroad Operation, and though the number will of necessity be limited this first year, the department desires that all freshmen and Sophomores to whom this branch appeals will meet with Professor Babcock for further discussion.

Much has already been said as to the merits of a co-operative course at a technical school, especially in connection with this type of engineering. All lower classmen have received descriptive folders telling in more or less detail the general scope of study and practice, and now that Faculty consent has been obtained, Sophomores will begin their work with the Boston and Maine Railroad this coming summer.

This course affords an opportunity to civil, electrical, and mechanical engineers or those interested in administrative work to get practical experience in the operating departments of a progressive railroad. The schedule provides for a five-year course leading to the Master of Science degree. During the last three years the students alternates between study at the Institute and with the Boston and Maine people. The latter work consists of eighteen-week periods in the following departments: Maintenance of Way (including signals), Maintenance of Equipment, Conducting Transportation (Freight and Passenger Service), and General, such as Accounting, Stores, etc.

GLEE CLUB CONTEST WILL BE ON FRIDAY

Thirteen Colleges To Compete In New England Division

Thirteen New England college glee clubs will compete at Symphony Hall, Friday evening, February 24th, for the New England Championship and the right to compete in the National Championship, which is held at a later date in New York.

This year the colleges taking part are Amherst, Boston College, Boston University, Bowdoin, Clark, M. I. T., Middlebury, Northeastern, Rhode Island, University of New Hampshire, University of Vermont, Wesleyan and Worcester Polytechnic Institute.

Last year Middlebury was the winner of the New England Contest, but Wesleyan, the defending champion of the year before, won for its second successive year the national championship.

The program is made up of three distinct parts. In the first part, each glee club sings one song of its own choice; in the second part, all the glee clubs sing the Prize Song, which this year is "The Broken Melody" by Schubert, and in the third part, each glee club sings one of its own college songs.

Technology's club has a fine record in the past competitions. Two years ago it placed fourth, and last year was second. The choice song next Friday will be Tchaikowsky's "The Nightingale," and the college song will be the alma mater "Stein Song." Tickets go on sale in the main lobby today and tomorrow, ranging from seventy-five cents to two dollars. The block of seats assigned to Technology includes at present practically the best of the remaining seats in the house.

CALENDAR

Friday, February 20	
9:00-5 pm	Fe. 20 Jan St. open Lecture Room
5:00 pm	THE TECH Smoker, Faculty Dining Room, Walker Wkng. Room
8:30 pm	Tech Club Meeting Room, 10 pm
Friday, March 2	
3:00-10:00 pm	Trip School Night
Friday, March 9	
9:00 pm	Sophomore Dance, Hotel Somerset.

A Record of
Continuous
News Service
for 47 years.



Official News
Organ of the
Undergraduates
of M. I. T.

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HAVE YOU A GRUDGE?

DID you ever bust a course when you knew you should have passed? Friday is your chance to tell the world about it. Did you ever fool a professor and get a P when you knew you deserved a double F? You can laugh aloud on Friday. What is your pet grievance? What is the Institute's worst course? Which gives evidence of the most stagnation? All this and more you can get off your chest on Friday the twenty-fourth.

And why on Friday? Just this: On that day there will issue forth with every copy of THE TECH a brief and concisely printed slip containing only a few pointed questions, with a bit of space below for the far more pointed answers that the readers are asked to make. Not a question will embarrass—that is, no student would blush in filling out the page; but oh what results it may have on the Faculty! But waver not in your frankness, readers, when you write your feelings, for not a name will be signed.

We sincerely hope that this light and ironic air will not create the idea that this questionnaire is being sent out simply through a sense of ridicule toward the entire Technology curriculum. Our intentions could not be more contrary to this attitude. We are simply reflecting the prevalent criticism among the students of certain prescribed courses, and attempting to crystallize these viewpoints in order that they may be studied carefully by students and Faculty alike.

However, no matter how urgent may be the problem that calls forth a questionnaire, it can bring few results unless it is accepted in the proper spirit by those concerned. There now exists a situation which we feel is deserving of the trouble we shall have to meet, and we are doing all that is possible to make it a success. But the final voice remains with the Technology students. You can display an indolent lack of interest, and make the whole a failure. Or you can roar out your every soreness and put THE TECH Questionnaire down in Institute annals as the achievement of the age!

SPEEDING EDUCATION

AT the present moment the tendency seems to be to decrease the period of active work of the more capable men of the country at both ends of their service. Considerable comment has arisen in the magazines on the fact that younger men in many lines are being forced into the important positions, and consequently the older men are retiring from business at an earlier age. But at the same time there is a gradual movement toward lengthening the period of education by favoring advanced degrees.

Since the average student enters college at an age of somewhat over eighteen, it follows that the average age of those taking three-year graduate courses in preparation for their life work must be over twenty-five when they enter their chosen profession. After that usually follows a period of a couple of years or more in minor positions before they can take a place where their education will be fully utilized. The period from this time to their retirement is now much shorter than it has been in the past.

Although most of the magazines have dealt chiefly with the retirement aspect of the problem, President Lowell of Harvard, in his annual report considered the matter from the standpoint of the educational system. He feels that the average age of those entering college could be made lower than it is at present. But this puts the question up to the preparatory schools of the country, who in turn reply that they could do this perfectly well if they received their students at a lower age as well. The grade schools, however, have no one below them to pass the responsibility to, but from our limited contact with those schools we should say that the child is taught as much per year as all except the exceptional scholars can absorb.

The other possibility which President Lowell dismisses rather hastily is to start specialization at an earlier period of the college course. This is the policy that has been pursued at Technology. With such a program the students must be reasonably mature on entering, so the present age of admission is quite satisfactory. On the other hand our system tends to put the cultural education of the student to a large extent in his own hands, and the real success of the system depends on the student's own success in this point.

THE OPEN FORUM

To the Editor of THE TECH:

At the M. I. T. we are under the supervision of many consulting engineers whose main work is outside the Institute and the teaching game. Many of these men, apparently, attend the Institute to gain a little added bit of prestige. These men, accustomed by practice to impress their knowledge on others who seek advice, seem to be peculiarly proud of their knowledge in the presence of undergraduates. "Well, gentlemen, not one of those men knew what to do until I told them, then they adopted my plan and it worked marvelously." "No sir, not one of those men could do a decent job of it till I came along." Such campaign speeches, I fear, run like the proverbial moisture from the ducks back.

Consulting and practicing engineers who teach at M. I. T. generally have employees whose little errors bring down valuable outpourings of denunciation on their poor skulls. Dropping over to M. I. T. for an hour or two, these engineers are unable to change their attitude. When a student makes a mistake in their classes he is made to feel like the country rube in the great city. "Sit on your other end and think." Oh, so you haven't learned how to multiply yet?" "How in thunder did you ever get out of high school?" "I didn't know they made them so dumb any more." Such expressions, while perhaps permissible from employer to employee are hardly fitting in the classroom. At M. I. T. we pay for our instruction: hence the teachers are more in the nature of our employees than of high and mighty beings who feel qualified to laugh at the straight-jacketed minds in front of them.

Many of these consulting and practicing engineers are of the opinion that every word dropped from their

(Continued on Page 4)

AS WE SEE THE MOVIES

METROPOLITAN

"The Secret Hour," featuring Pola Negri in a new romantic role, is the feature picture at the Metropolitan this week. It is a novel version of the eternal triangle with the sunny background of a California Orange plantation. The beautiful flowered scenery is indeed a rest for eyes which have been gazing on nothing but a vast expanse of snow for the last few days.

Pola is cast in the part of a waitress. Tired of struggling for a living and hungering for a home and affection she answers an advertisement for a wife, corresponds with a middle-aged orange grower and, upon receiving a photo of his attractive young ward, decides to marry him. She arrives at the plantation and is met by the younger man and, ignorant of the substitution of the photo, as he is too, she mistakes him for her husband-to-be.

An accident befalls the orange-grower and while he lays abed, the

two, learning the truth of the situation, marry regardless, only to repent because of the kindness of the man who has done so much for them. The end is an emotional one where the old man realizes that a young girl like Anna should never marry him and gives his blessing to the young married couple, offering them a home on the plantation.

Those who saw the play "They Knew What They Wanted" last year may be disappointed by this purified movie version of the play, for in making it moral much of the original charm and point of the play is lost.

"Roman Nights," a production by John Murray Anderson, is the stage attraction. Of course Gene Rodemich and his Merrymakers are featured in this along with Al Mitchell, alternate maestro of jazz, who made his debut before Boston audiences last week. Other items on the program include Arthur Martel and the Grand Wuritzer and the usual news reel.

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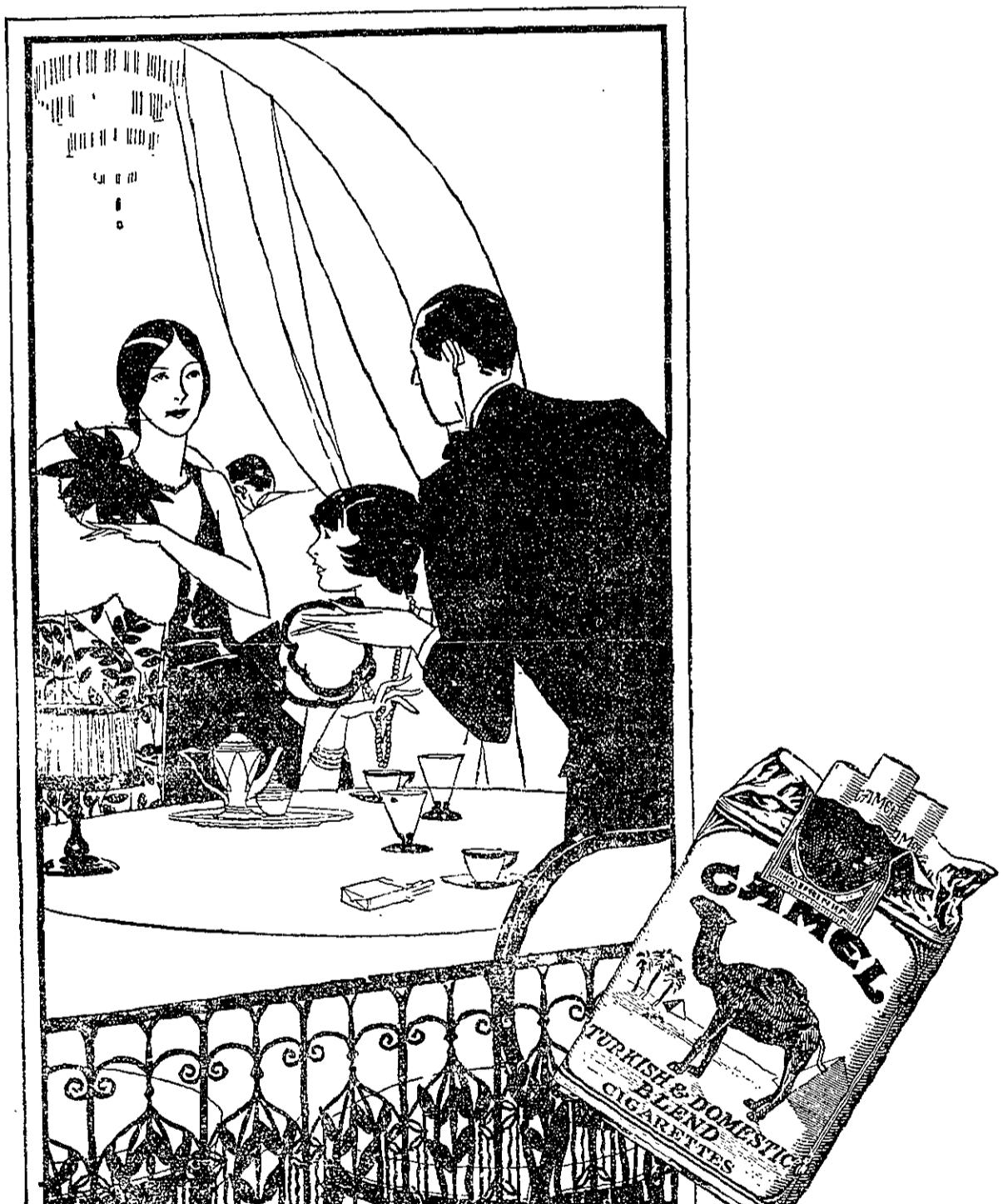
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SEEK YE NO FURTHER, DIOGENES . . .

THIS jobbie Diogenes was a Greek who left his fruit stand for the commendable purpose of questing for honesty by good old-fashioned lamp-light. And now, loud and ever clearer, rings the cry from the housetops: "Diogenes—throw away your lantern . . . here's an honest cigarette! Have a Camel!"

Camels have but one raison d'être—to pack the smoke-spots of the world with the "fill-fullment" every experienced smoker seeks. Fill your own smoke-spot with a cool cloud of Camel smoke, and hear it sing out—"Eureka!" (from the Greek, "Eureka," meaning—"O boy, here 'tis!").

Students at Butler University who are living under the shadow of final exams will have an opportunity to dispel their worries. Will Rogers, cowboy humorist and philosopher will address them one week before finals.

Finds Tobacco for "Breaking In" a Pipe

Columbus, Ohio
March 10, 1927

Larus & Bro. Co.
Richmond, Va.

Gentlemen:

Two years ago my wife gave me an expensive pipe. I smoked it a great deal for two or three weeks, put it aside, then began smoking it again. This time it was very strong. Veterans told me that it had been smoked too hard for a new pipe and should be put away.

The pipe was laid away again. A short time ago I got it out and smoked one of the common brands of tobacco in it. The results were disappointing. I told the druggist of my experience with it. He asked if I had tried Edgeworth. I told him I never had. I followed his suggestion, and I am honest when I say that it has restored the sweetness to the pipe, and has made me wonder. Was it the pipe or the brand of tobacco that caused me to lay it away for the long period of time?

As a novice, I prefer Edgeworth. I am going to stick to it, as I feel satisfied that there is none better on the market.

Sincerely yours,
Philip C. Shera

Edgeworth
Extra High Grade
Smoking Tobacco

NATATORS SWAMPED BY YALE AND ARMY

Bulldogs and West Point Take All First Places and Many Seconds

Both Yale and the Army easily defeated Technology's swimmers at their respective schools over the week-end. Yale ran up a 54-8 score while the Army won 46-16. In both of the meets the Cardinal and Gray were unable to gain a first place and in the Yale meet they took only one second.

All of the Engineer swimmers were up to their usual style, but they were unable to do anything against the fast men from New Haven and West Point. Lucy was the only man to get a second in the Yale meet and he got it in the back stroke. He also placed third in the fifty and in so doing he received half of all the points scored by the Engineers against Yale.

With the Army, the Engineers fared a little better as they were able to take quite a few seconds, but they could not break through to any first places. Lucy and Jarosh put up a good battle in the back stroke, but they were not fast enough to keep up with Finley of the Army who finished in 1 minute and 56 4/5 seconds setting up a new Academy record.

Birnbaum nosed out Appleton for a second place in the breast stroke down at West Point. This is rather unusual as Appleton has been finishing ahead of Birnbaum in most of this year's meets.

DEAN ACADEMY WHIPS YEARLING CAGE TEAM

The freshman basketball team lost to Dean Academy Saturday; the final score being 39-32 in favor of the academy basketeers. The game was fast and furious all the way through. Harrison of the Frosh and Fine of Dean scored high for their respective teams.

Technology Loses To Bowdoin And Columbia Fencers

Bowdoin Triumphs by Single Point—Columbia Is Easy Winner

Twice in two days the Technology fencers went down to defeat at the hands of visiting opponents last week, losing to Bowdoin by a 7 to 6 score on Friday and being swamped by Columbia on Saturday to the tune of 14 to 3. Capt. Carl Harris of M. I. T. scored the most points for Technology in the two meets winning two out of three bouts in the foils and breaking even in the two bouts with the epee against Columbia. Harrison won two out of three bouts with the foils against Bowdoin, shutting out one of his opponents, Bird, by the score of 5 to 0. Siller scored two of Technology's three points against Columbia by defeating Tompkins in the foils and epee.

The summary:

Bowdoin Meet

Foils—Captain Harris of Tech defeated Morgan 5-1, lost to Altenbaugh 5-3, and defeated Bird 5-2. Ferre of Tech lost to Morgan 5-4, defeated Altenbaugh 5-1, and lost to Bird 5-2. Harrison of Tech defeated Morgan 5-2, lost to Altenbaugh 5-4, and defeated Bird 5-0.

Epee—Harris of Technology lost to Altenbaugh and defeated Morgan, Siller of Tech lost to Altenbaugh and Morgan.

Columbia Meet

Foils—Capt. Thompson of Columbia defeated Harris of Tech, 5-3, and Ferre of Tech, 5-1; Cantina of Columbia defeated Harrison of Tech, 5-4; Ferre of Tech, 5-2, and Siller of Tech, 5-4; Altersandroni of Columbia defeated Harris of Tech, Ferre of Tech and Siller of Tech, 5-4; Siller of Tech defeated Tompkins of Columbia, 5-2.

Sabre—Cohen of Columbia defeated Harris of Tech, 5-1, and Kononoff of Tech, 5-0. Don of Columbia defeated Siller of Tech, 5-3, and Harris of Tech, 5-1.

Epee—Cohn of Columbia defeated Harris and Siller of Tech. Harris of Tech defeated Tompkins of Columbia. Siller of Tech defeated Tompkins of Columbia.

At the Oregon Agricultural College part of the punishment of offenders against the rulings of the Honor Council consists in the publishing of their names.

TIGERS WIN FROM M. I. T. GYMNASTS

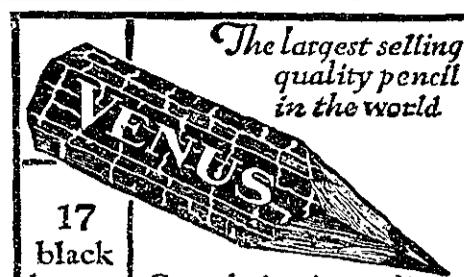
Harold Fairchild '29 is Only Engineer to Win Event Against Princeton

Princeton's gymnasts easily defeated Technology 42 to 12 in Walker gym last Saturday afternoon. The meet was marked by numerous upsets and several of the best men on both teams barely placed. Right at the start of the meet Dave Wells landed on his face as he was doing a dismount from his first series on the high bars. It knocked the wind out of him, but he came back and completed his second series in fine shape, coming through with a second in this event. Robert Snively, Princeton's outstanding star, came through with a first by a bare eight point lead over Wells. If Dave had successfully completed his first dismount he would undoubtedly have won this event.

Tumbling and the side horse were the only two other events in which the Engineers scored any points. Harold Fairchild took first on the side horse after a hard fight with Phillip Heller of Princeton who finished only five points behind Fairchild. Fairchild had 517 points while Heller could only collect 512. Nearly all of the side horse men slipped up in at least one of their two trials. Fairchild nearly slipped off the horse while doing some turn, but recovered his balance and successfully completed his series. Almer Moore slid off the horse right at the beginning of his second trial and was disqualified for that trial. If he had not slipped off he would have won this event as he was high point man in the first trial.

Princeton Tumbling Good

In the tumbling the Engineers did not do as well as they usually do. Norman Dolloff slipped off the mat on his first trial and that meant that his first series counted practically nothing. Brunton Bauer put up a fairly good exhibition for the Engineers, but he could not come anywhere near to (Continued on Page 4)



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NEW LOCATION FOR TECHNOLOGY CLUB

Will Be In Neighborhood of
42nd Street and Grand
Central Terminal

(Continued from Page 1)
make it, inasmuch as the Gerard Estate, the owners of the 17 Gramercy Park property, have stipulated that, if we renew the lease which expires on April 30, 1926, we must renew it for at least a term of five years, with no option of prior cancellation.

"I am confident that the Committee headed by Mr. Burbank will be able to find another suitable location for the Club, somewhere in the 42nd street district, in ample time, so that adequate arrangements can be made for moving on April 30, 1928.

The principal reason, of course, for selecting the 42nd street Grand Central Terminal zone district for the new location is because of the fact that this is not only the district in which most other important New York college clubs are located, but is also a technical office building district of constantly growing importance. There are probably more Technology men who have their offices within half a mile of the Grand Central Terminal than in any other district of like size in the country, not excepting any district of similar size in Boston.

There are many other good reasons for selecting this district as the proper one for the new Club location which space limitation forbid mentioning. Let me simply point out that the decision of the Board of Governors regarding this was unanimous and confirmed unanimously by vote of the Technology Club after a long and full discussion participated in by many of the most active Technology men.

"Many questions have come to me recently as to how this move of the Technology Club uptown will affect the 'National Technology Center' movement, to all of which questions I have replied that this move will undoubtedly help forward the 'National Technology Center' idea. The big 'National Technology Center' plans are undoubtedly at least three years and possibly five years off from practical realization.

In the meantime, of course, the Technology Club of New York, which we hope ultimately to have associated with the 'National Technology Center' must be suitably located somewhere. Moving the Club uptown to a place somewhere in the district where we hope eventually to have built the 'National Technology Center' cannot but help to demonstrate to Technology men the various and significant advantages of this district location, unique in the country as regards the interests and activities of Technology men."

FRESHMAN SWIMMERS DEFEAT MALDEN HIGH

Malden High was overwhelmed by the Technology freshman swimmers in a meet at the Malden Y. M. C. A. on Saturday. The final score was 41 to 21, with the freshmen taking four first places and the relay race.

Lutz was the star of the meet, taking first in the 40 yards freestyle and 100 yard freestyle and swimming on the winning relay team. McKay and Sykes also were winners on the M. I. T. yearling team, McKay being the first to finish in the 200 yard freestyle and Sykes winning the dive.

The summary:
Relay Race—Won by Tech freshman (Lutz, Baker, Noyes, McKay); second, Malden (O'Farrell, Steeves, Crane and Catto). Time—Im 28 3-5s.
Forty-yard freestyle—Won by Lutz (T); second, Noyes (T); O'Farrell (M). Time—22 1-5s.
Forty-yard backstroke—Won by Steeves (M); second, Allen (T); third, MacNeil (M). Time—Im 27s.
One hundred-yard breaststroke—Won by Lutz (T); second, Baker (T); third, O'Farrell (M). Time—Im 1 5-5s.
Two hundred-yard freestyle—Won by McKay (T); second, Caffrey (M); third, James (M). Time—2 m. 35 2-5s.
Dive—Won by Sykes (T); second, Catto (M); third, McMinn (D).

NEW DISCOVERY IS AID IN BRIDGE DESIGN

Professor George F. Beggs, of the Department of Civil Engineering of Princeton, is now engaged in a series of experiments which illustrate accurately by means of celluloid models, the bends and twists undergone by bridges and other similar structures. In Professor Beggs' system it is possible to reveal in a few minutes what might require months, or what might not be possible to calculate by the use of figures.

The system consists in cutting from sheet celluloid tiny models of the spans which he desires to test. By means of a series of pins placed at different points and the attaching of weights to the various spots on the span itself, he is able to determine the stress that will result to the bridge at that particular point. The vital importance of such a system can scarcely be overestimated. Professor Beggs is receiving acclamation at the hands of leading engineers all over the country.

THE OPEN FORUM

GYM TEAM DEFEATED BY PRINCETON 24-12

(Continued from Page 2)
lips is a pearly gem to be written down and treasured up like the word of God. As consulting engineers their words are valuable, at least in a monetary sense. If these pearly gems of knowledge are so priceless, it does not matter what they say. Obviously they need not take the time to organize their work, outline their course or do any of those things less learned men must do. It suffices to give vent to a voluminous outpouring of their experiences no matter how irrelevant or obvious, and so nicely organized that a nightmare is systematic by comparison.

I suggest that some of the above mentioned men might take a look at their courses, organize them, outline them, cut out the little advertising campaigns, the obvious statements, the repetitions, the irrelevant matter and play the role of a real teacher for once instead of that of a soap box orator. At present in many courses the nutritious elements of their meat are denied us. Instead we are fed the air, hide, bones, teeth, even the barn itself, a very in nutritive intellectual diet.

The writer has taken the pains to become an honor student before writing this article so that he may not be judged a sore-head who has flunked out.

Signed,
SENIOR.

Columbia University has the largest enrollment ever, according to the latest figures. The total registration of the university is 32,224. Of this number 300 students are from the Orient. There are 150 Chinese, 45 Japanese, and 12 from India. The rest of the 300 are enrolled in the University Extension Department.

Beginning in September, 1929, Northeastern University will evidently discontinue the four-year course and will offer a five-year course instead. The extra year has been added to enable the inclusion of more courses of cultural value.

NOTICE

The T. C. A. would greatly appreciate the return of its "Register of Former Students" recently borrowed from the office. Said register contains records which are of inestimable value.

RADIO SOCIETY

There will be a meeting of the Radio Society in Room 10-200 Monday. The results of the station in the International tests will be discussed. Any one interested in radio is cordially invited to attend the meeting.

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